

Converting Colors

Hex(33ADFF)

Have a look what the booklet for
Hex(33ADFF) contains.

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Color

Hex(33ADFF)

Conversions

Conversions Part 1

Format	Color
Hex	33ADFF
RGB	51, 173, 255
RGB Percent	20%, 68%, 100%
CMY	0.8000, 0.3216, 0.0000
CMYK	0.80, 0.32, 0.00, 0.00
HSL	204°, 100%, 60%
HSV	204°, 80%, 100%
XYZ	34.3588, 37.8109, 100.0951
YIQ	145.8700, -99.0340, -0.3620

Conversions

Conversions Part 2

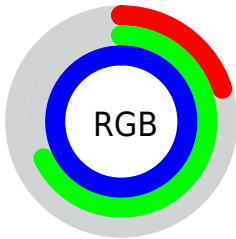
Format	Color
R _Y B	51, 127, 255
Decimal	3386879
CIE Lab	67.88, -5.38, -49.85
CIE LCh	68, 50.134, 263.844
Yxy	37.8109, 0.1995, 0.2195
Android (android.graphics.Color)	4281576959 (0xFF33ADFF)
YUV	145.8700, 53.8011, -83.2010
Hunter-Lab	61.4906, -7.8690, -53.4695

Details

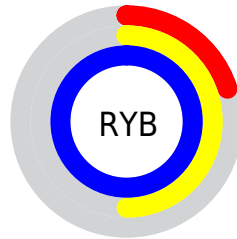
The Hex color **33ADFF** is a light color, and the websafe version is hex **0099FF**. The color can be described as light washed azure. A complement of this color would be **FF8533**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **80E4FF**, and **0079C6** is the 20% darker color. If you saturate the color by 10%, you get **19A3FF**, and if you desaturate by 10%, it is **4DB7FF**.

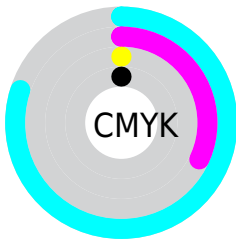
Distribution



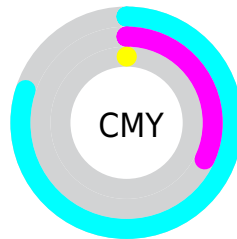
- Red (20%)
- Green (68%)
- Blue (100%)



- Red (20%)
- Yellow (50%)
- Blue (100%)



- Cyan (80%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)



- Cyan (80%)
- Magenta (32%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33ADFF changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 33ADFF by changing the saturation by 10% instead.

 33ADFF

 33ADFF

FFFFFF

 0093E2

 80E4FF

 0079C6

 A0FFFF

 0061AA

 C0FFFF

 00498F

 DFFFFF

 003375

 001F5C

 000744

 00032D

 000117

 33ADFF

 33ADFF

 19A3FF

 4DB7FF

 0099FF

 66C2FF

 80CCFF

 99D6FF

 B3E0FF

 CCEBFF

 E6F5FF

FFFFFF

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



00B7ED



33ADFF



9A9DF8

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



33ADFF



FA8283



65B76E

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



33ADFF



FF8533

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



9CAE4F



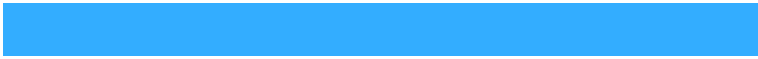
33ADFF



E98F5E

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



33ADFF



F480B1



C8A049



00BC9A

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



33ADFF



C491E7



C8A049



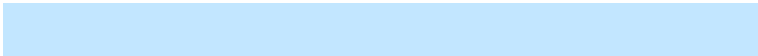
79B562

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



33ADFF



C2E6FF



33FF85



5B7180



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



33ADFF



0A9DFF



3347FF



737A80



0072BF



002640

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



FF33AD



FF0A9D



FFEB33



80737A



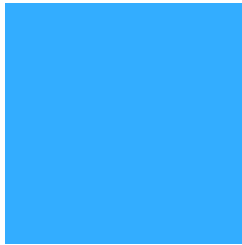
BF0072



400026

Previews

White Background



This preview shows how the Hex color 33ADFF looks on a white background.

Color Contrast Check

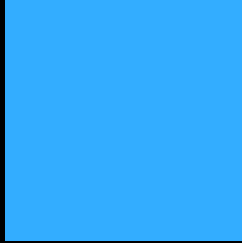
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 33ADFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

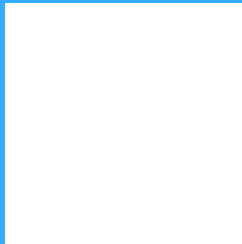
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 33ADFF Background



This preview shows how black text looks on a background with the Hex color 33ADFF.

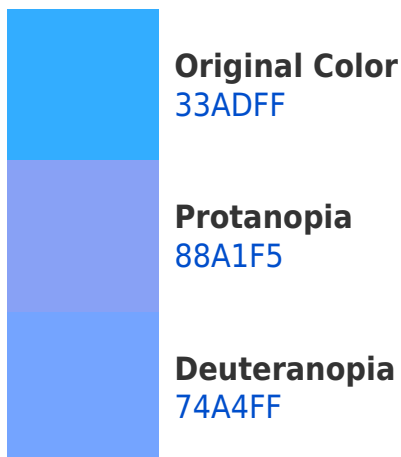


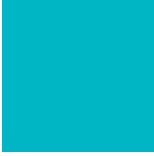
This preview shows how white text looks on a background with the Hex color 33ADFF.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

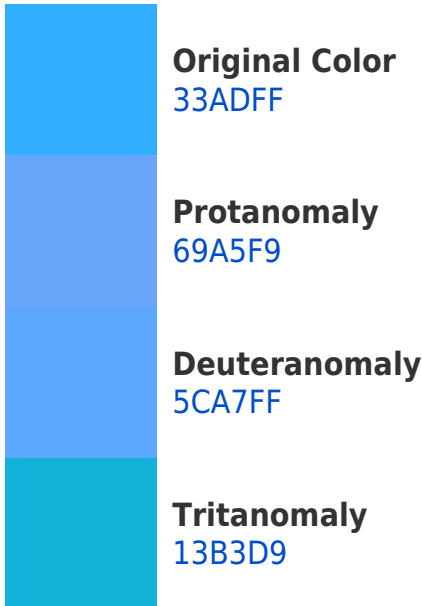
Dichromacy



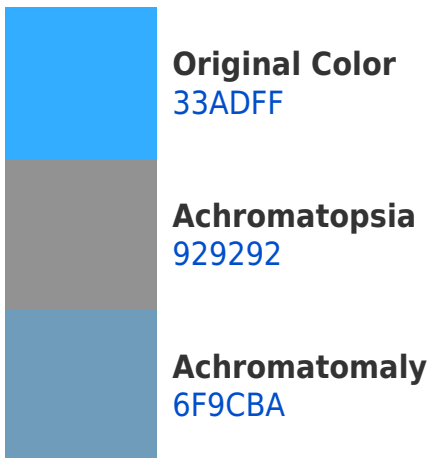


Tritanopia
00B6C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 33ADFF is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #33ADFF looks like.

```
.text, #text, p{  
    color:#33ADFF  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #33ADFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33ADFF
}
```

Border

The CSS property to change the border of an element to Hex 33ADFF is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#33ADFF }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#33ADFF }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #33ADFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33ADFF; -webkit-box-shadow:4px 4px  
4px 4px #33ADFF; box-shadow:4px 4px 4px  
4px #33ADFF }
```

Background

The CSS property to change the background color of an element to Hex 33ADFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33ADFF }
```

If only the background color should be changed can be used:

```
.background{ background-color:#33ADFF }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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